

**In the Claims**

1-20 (canceled, without prejudice)

21. (New) An electrochemical test strip comprising:  
an electrochemical cell comprising:

- (a) oppositely spaced apart working and reference electrodes, separated from about 50 to 750 $\mu$ m; and
- (b) a reagent mixture comprising:
  - (i) a redox couple; and
  - (ii) a coagulation catalyzing agent.

22. (New) The reagent test strip according to Claim 21, wherein said coagulation catalyzing agent comprises thromboplastin.

23. (New) The reagent test strip according to Claim 21, wherein said redox couple comprises a ferricyanide and ferrocyanide.

24. (New) The reagent test strip according to Claim 21, wherein said electrochemical cell has a volume ranging from about 0.1 to 10  $\mu$ L.

25. (New) A meter for detecting a change in viscosity of a fluid sample, said meter comprising:

- (a) means for applying an electric potential to an electrochemical cell made up of oppositely spaced apart working and reference electrodes and comprising said fluid sample;
- (b) means for measuring cell current between said oppositely spaced apart working and reference electrodes;
- (c) means for detecting a change in said measured cell current; and
- (d) means for relating said change in measured cell current to a change in viscosity of said fluid sample.

26. (New) The meter according to Claim 25, wherein said meter further comprises a means for relating said change in viscosity to the prothrombin time of said fluid sample.

27. (New) A kit for use in detecting a coagulation event in a blood sample, said kit comprising:

- (a) at least one electrochemical test strip comprising an electrochemical cell comprising:
  - (i) oppositely spaced apart working and reference electrodes, separated from about 50 to 750 $\mu$ m; and
  - (ii) a reagent mixture comprising a redox couple and a coagulation catalyzing agent; and
  - (iii) at least one of a calibration means and a means for obtaining a sample.

28. (New) The kit according to claim 27, further comprising a meter.

29. (New) A system for use in determining the concentration of an analyte in a physiological sample, said system comprising:

- (1) an electrochemical test strip comprising:
  - (a) oppositely spaced apart working and reference electrodes, separated from about 50 to 750 $\mu$ m; and
  - (b) a reagent mixture comprising:
    - (i) a redox couple; and
    - (ii) a coagulation catalyzing agent; and
- (2) a meter.

30. (New) A system for use in determining the concentration of an analyte in a physiological sample, said system comprising:

- (1) an electrochemical test strip; and
- (2) a meter comprising:
  - (a) means for applying an electric potential to an electrochemical cell made up of oppositely spaced apart working and reference electrodes and comprising said fluid sample;
  - (b) means for measuring cell current between said oppositely spaced apart working and reference electrodes;
  - (c) means for detecting a change in said measured cell current; and
  - (d) means for relating said change in measured cell current to a change in viscosity of said fluid sample.